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Dr. Thomson F. Edwards, assistant instructor in surgery. In Army.

Dr. Rutherford L. John, assistant instructor in surgery. In Army.

Dr. Henry Winsor, assistant instructor in operative surgery. Captain in Sanitary Detachment of Second Battalion Signal Corps, Camp Jackson, Columbia, S. C., with rank of captain.

Dr. Allan C. Woods, assistant professor of research medicine. Now on duty in France with Base Hospital No. 10 with rank of captain.

Dr. De Forrest P. Willard, instructor of orthopedic surgery. Now at Shepherd's Bush Hospital, London, Eng., with rank of captain.

Dr. F. E. Keene, instructor in gynecology. Member of University Base Hospital Unit No. 20 with rank of first lieutenant.

Dr. F. C. Knowles, instructor in dermatology. In France with Base Hospital No. 10 with rank of first lieutenant.

Dr. E. H. Goodman, associate in medicine. Assigned to Base Hospital at Greenville, S. C., with rank of major.

Dr. G. M. Piersol, associate in medicine. In Army with rank of major.

Dr. J. H. Musser, associate in medicine. In Army with rank of first lieutenant.

Dr. C. B. Farr, associate in medicine. Assigned to Fort Oglethorpe with rank of first lieutenant.

Dr. E. B. Krumbhaar, associate in medicine. In Army.

Dr. J. H. Cruice, instructor in medicine. In Army.

Dr. Ward Brinton, instructor in medicine. In Army.

Dr. N. B. Gwyn, instructor in medicine. With British Army Medical Corps.

Dr. A. H. Gerhard, instructor in medicine. In Army.

Dr. T. G. Schnabel, instructor in medicine. In Army.

Dr. H. B. Wilmer, assistant instructor in medicine. In Army with rank of first lieutenant.

Dr. George Wilson, assistant instructor in medicine. In Army with rank of first lieutenant.

Dr. Herbert Fox, director of Pepper Clinical Laboratory. In Army, assigned to Louisville, Ky.

Dr. J. E. Sweet, assistant professor of surgical research. In France with Base Hospital No. 10 with rank of captain.

Dr. Richard H. Harte, adjunct professor of surgery. Director of Base Hospital No. 10, now in France with rank of major.

Dr. John H. Jopson, associate in surgery. Di-

rector of Presbyterian Base Hospital with rank of major.

Dr. J. B. Carnett, associate in surgery. Director of University Base Hospital Unit No. 20 with rank of major.

Dr. George E. de Schweinitz, professor of ophthalmology. On duty in General Medical Board and Commission of Ophthalmology in Council of National Defense, at Washington, with rank of major.

Dr. H. Maxwell Langdon, instructor in ophthalmology. Now on duty at University Hospital examining candidates for Aviation Corps with rank of first lieutenant.

Dr. Philip F. Williams, instructor in obstetrics. Member of University Base Hospital Unit. Now at Fort Oglethorpe with rank of captain.

Dr. Edmund J. Piper, instructor in obstetrics. In Army with rank of first lieutenant.

Dr. Benjamin D. Parrish, instructor in otology. In Army.

Dr. James A. Babbitt, instructor in otology. Now with Haverford College Unit in France.

Dr. Isaac H. Jones, instructor in Otology. In Army with rank of major.

Dr. Warren Stirling, assistant in bacteriology. Now stationed at Fort Benjamin Harrison with rank of first lieutenant.

Dr. Andrew Anders, lecturer in medicine. Ordered to Fort Oglethorpe, Ga., with rank of first lieutenant.

Dr. Stilwell C. Burns, instructor in surgery. Now on duty at Spartanburg, S. C., with rank of captain.

Dr. W. Easterly Ashton, professor of gynecology. Assigned to 300th Heavy Artillery with rank of major.

Dr. John W. McGlenn, assistant professor of obstetrics. In charge of Naval Station Hospital No. 2 at League Island with rank of first lieutenant.

Dr. Charles B. Reynolds, assistant professor of obstetrics. First lieutenant 309th Infantry.

### SCIENTIFIC EVENTS

#### THE TOTAL ECLIPSE OF THE SUN IN 1918

THE department of astronomy and astrophysics at the University of Chicago is making preparation for observing the total eclipse of the sun, which will be one of the six to occur in the United States during the present century. This total eclipse will be visible on June 8, 1918, over a narrow strip having a maximum width of about sixty miles

and extending from the state of Washington through parts of Oregon, Wyoming, and Idaho, across Colorado and Kansas, and finally reaching Florida about sunset. The duration of totality will be two minutes and two seconds at the coast of Washington, and less than half that time in Florida.

Director Edwin Brant Frost, of the Yerkes Observatory, and his colleague, Professor Edward Emerson Barnard, astronomer at the observatory, recently spent a week in Denver, where the authorities of the University of Denver have placed their facilities at the disposal of the party from the University of Chicago, through the courtesy of Professor Herbert A. Howe, who is himself a graduate of the Old University of Chicago. Among the various pieces of equipment at the Yerkes Observatory is apparatus which could be suitably adapted to the excellent 20-inch equatorial of the Denver University. It was necessary to know whether this equatorial could be successfully used as a photographic instrument, and Professors Frost and Barnard were finally successful in demonstrating that it could be. It will accordingly probably be used with a spectroscope from the Yerkes Observatory for photographing the spectrum of the corona, and, if possible, for measuring its speed of rotation.

From a considerable study of the weather observations and from estimates of cloudiness in June made for several years by volunteers along the path of the shadow, it appeared that certain regions in the mountains of Colorado were likely to be cloudy in the afternoon. This applies also to Denver. Accordingly a side trip was made by Director Frost to Green River, Wyoming, a point on the Union Pacific Railway, lying between Cheyenne and Ogden. This station is situated in the so-called Red Desert, with a rainfall of about ten inches per year and at an elevation of 6,000 feet. A suitable station near the town was readily selected and the transparency of the air was extraordinary on the day spent there. This station seems one of the most promising of any along the line of totality.

However, a small cloud may spoil the preparations of many months, and therefore another site was selected about sixty miles southeast of Denver on the Rock Island Railway, near Matheson, Colorado, at an elevation of about 6,000 feet. The trip was made by Director Frost from Colorado Springs with several members of the faculty of Colorado College. This site is a very favorable one and quite likely to be free from clouds in the afternoon. It is not the present plan to have members of the party from the Yerkes Observatory at this point, although minor instruments may be sent there for use by others. The station at Green River, Wyoming, will be the principal station for the party from the University of Chicago, if, as is hoped, the university is able to supply the funds for observing the eclipse in an adequate way.

The only previous expedition from the Yerkes Observatory for observing a solar eclipse was in 1900, to Wadesboro, North Carolina, where the total eclipse on May 28 was observed with very satisfactory results by a considerable party from the observatory.

#### THE MARIA MITCHELL MEMORIAL FELLOWSHIP OF THE HARVARD OBSERVATORY

The Maria Mitchell Memorial Fellowship of the Harvard Observatory, of the value of \$500, is offered to a woman for the year beginning September 15, 1918. A competitive examination will not be held. The candidate must present evidence of qualifications under the following heads:

1. A letter from the candidate addressed to the secretary of the committee, giving an account of previous educational opportunities and training, and of plans for future work.
2. College diploma or a certificate from the registrar of her college, and if she has already held a position as instructor or teacher in any college or other institution, a clear statement of the work done, together with a certificate as to the quality of work.
3. Examples of work already accomplished.
4. Testimonials as to ability and character.
5. Satisfactory evidence of thoroughly good health.